

Recovery Plan Action Status

Plan Name: Recovery Plan for the Kaua'i Plant Cluster

Plan Status: Final

Plan Date: 20-Sep-95

Lead Agency: USFWS

Lead Office: Pacific Islands Fish And Wildlife Office

(808)
792-9400)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	1223	Remove ungulates from fenced areas	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Predator and Competitor Control	Contract, Internal Field Assistance, Volunteer	This task is ongoing, as ungulates occasionally get into fenced areas and is current for all existing fences.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke`oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	1224	Monitor for ungulates in fenced areas	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control	Contract, Internal Field Assistance, Volunteer	This task is current for existing fences.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	1225	Consider ungulate eradication	Discontinued	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control	Internal Administrative, Internal Field Assistance, Species Expert	This task has been abandoned because the political climate in Hawaii at this time will not support island-wide eradication of nonnative ungulates, which are hunted for food.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spurgulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	123	Conduct essential alien plant control	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, U.S. Geological Survey, Biological Resources Division, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control	Contract, Internal Field Assistance, Volunteer	Currently, the small fenced areas are weeded, and large scale control of Kahili ginger is occurring throughout the island. Incipient weeds are eradicated by the Kauai Invasive Species Committee and the Kokee Resource Conservation Program controls weeds within the Kokee and Na Pali state parks. Weed control of targeted species is planned by the KWA for the most invasive weed species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	1253	Control insects	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Predator and Competitor Control	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Effective control methods for most insects in Hawaii are not yet developed for use in natural forest habitats.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke`oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	126	Control disease, if necessary	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Disease Control	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	This task has not been started because no disease threat has been detected for any of these species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name	1	127	Ensure availability of pollinators if necessary	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Other	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	This task has not been started because little is known about the pollinators of these species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
(Schiedea helleri), No common name (Dielia pallida), No common name (Delissea rhytidosperma), Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo`ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Remya kauaiensis), No common name (Schiedea spergulina var. spergulina), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spargulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke`oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	128	Protect areas from direct threats from humans	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Other	Contract, Internal Field Assistance, Internal Technical Assistance, Volunteer	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihililihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	129	Maintain genetic stock ex situ	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, National Tropical Botanical Garden, Hawaii Department of Land and Natural Resources	Management: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Volunteer	The existing ex situ collections are not genetically adequate for these species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spargulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke`oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	1	13	Monitor status of wild populations	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Propagation	Contract, Graduate Student, Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	This is an ongoing task, as the status of the species changes constantly, but it does not occur as frequently as it should - annually, and more frequently for genetic safety net species (fewer than 50 individuals in the wild).

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnooides</i>), No	2	21	Identify populations for expansion	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Management: Planning, Management: Reintroduction	Contract, Graduate Student, Internal Field Assistance, Species Expert	Any population of a short-lived perennial with fewer than 50 mature individuals and a long-lived perennial with fewer than 25 mature individuals that do not exhibit increased reproduction after the major threats are managed is considered for augmentation.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
common name (Phyllostegia wawraea), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), Mann's bluegrass (Poa manni), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No	2	22	Identify material to be used for expansion	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Management: Reintroduction	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	This task is limited based on material available in ex situ collections.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
common name (Phyllostegia wawraea), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), Mann's bluegrass (Poa manni), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Lobordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No	2	23	Determine propagation methods and propagate ex situ	Partially Complete	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Botanical Gardens, Hawaii Department of Land and Natural Resources	Management: Propagation	Contract, Internal Technical Assistance, Volunteer	This task is complete for some species, but is more difficult for other species which do not produce viable seeds in the wild and/or cannot be grown from cuttings.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
common name (Phyllostegia wawraea), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), Mann's bluegrass (Poa manni), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Lobordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No	2	24	Prepare sites and plant	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Reintroduction	Contract, Internal Field Assistance, Species Expert, Volunteer	Augmentations are occurring for some species in small scale fenced areas by DLNR.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
common name (Phyllostegia wawraea), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), Mann's bluegrass (Poa manni), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Lobordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No	2	25	Monitor and maintain new individuals	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control, Management: Reintroduction, Research: Management Techniques, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	This is an ongoing action, as the status of the species and their threats change constantly, and is currently not occurring as frequently as it should - at least once a year.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
common name (Phyllostegia wawraea), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), Mann's bluegrass (Poa manni), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spargulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	31	Study associated ecosystem components	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Research: Habitat Requirements, Research: Habitat Status	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Critical habitat, and the suitable habitat from which critical habitat was derived, has been identified for all species in this recovery plan. Additional studies are needed to develop more precise microclimate needs for each species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	32	Map alien vegetation	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Research: Habitat Status	Contract, Graduate Student, Internal Field Assistance, Volunteer	This task is being conducted in detail for Kahili ginger and for incipient weeds.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spurgulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	33	Study growth	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Research: Demographic Studies, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	The current knowledge has been gathered mainly from incidental observations during propagation, field surveys, and monitoring. More detailed experimental research is needed to fully understand this aspect of these species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spurgulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	34	Study reproductive viability	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Research: Demographic Studies, Research: Genetics, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Species Expert	The current knowledge has been gathered mainly from incidental observations during propagation, field surveys, and monitoring. More detailed experimental research is needed to fully understand this aspect of these species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spurgulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	35	Determine parameters of viable populations	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Other: Regulations, Research: Competition, Research: Demographic Studies, Research: Genetics, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys, Research: Predation	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	36	Determine threat from introduced organisms and disease	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Hawaii Department of Agriculture, U.S. Geological Survey, Biological Resources Division	Research: Competition, Research: Disease	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	This is an ongoing task, as new threats are constantly entering the state and becoming established in natural areas.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	37	Determine effective control methods for threats	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Hawaii Department of Agriculture, U.S. Geological Survey, Biological Resources Division, U.S. Animal and Plant Health Inspection Service, Wildlife Services (formerly Animal Damage Control)	Research: Management Techniques	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Control of alien plants is an ongoing task that may be reduced to low maintenance and monitoring levels, but will never be completely eradicated, especially as new pest plant species are continually introduced to Hawaii and can become established in natural areas. Effective control methods are continually being developed by the Invasive Species Committees on each island and the results are applied to other natural areas of similar habitat.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spargulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	2	38	Evaluate research results and use in future management	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, U.S. Geological Survey, Biological Resources Division, National Park Service	Research: Competition, Research: Disease, Research: Predation, Research: Reintroduction	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>),	2	41	Identify reestablishment sites	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Management: Reintroduction	Internal Administrative, Internal Field Assistance, Species Expert	Sites have been selected by DLNR for reintroduction into small scale fenced area for numerous species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Dilliella pallida</i>), No common name (<i>Delissea rhytidosperma</i>),	2	42	Protect reestablishment sites	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control	Contract, Internal Field Assistance, Internal Technical Assistance, Volunteer	DLNR has constructed and maintains small scale fences around the areas where it is reintroducing species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>),	2	43	Identify material for reestablishment	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Management: Reintroduction	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	This task is limited based on material available in ex situ collections.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), No common name (<i>Delissea rhytidosperma</i>),	2	44	Determine propagation methods and propagate ex situ	Partially Complete	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Botanical Gardens, Hawaii Department of Land and Natural Resources	Management: Propagation	Contract, Graduate Student, Internal Technical Assistance, Species Expert	This task is complete for some species, but is more difficult for other species which do not produce viable seeds in the wild and/or cannot be grown from cuttings.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo'ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>),	2	45	Prepare sites and plant	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Reintroduction	Contract, Graduate Student, Internal Field Assistance, Volunteer	Reintroductions are occurring on DLNR lands for <i>Alsinidendron lychnoides</i> , <i>Hibiscus waimeae</i> ssp. <i>hannerae</i> , <i>Kokia kauaiensis</i> , <i>Myrsine linearifolia</i> , <i>Pritchardia napaliensis</i> , and <i>Pritchardia viscosa</i> . However, more reintroductions into larger managed habitat areas are needed to recover most of the species in this plan.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuawawaenohu (Alsinidendron lychnoides), No common name (Phyllostegia wawrana), Lo'ulu (Pritchardia viscosa), Hau kuahiwi (Hibiscadelphus woodii), Oha (Delissea rivularis), No common name (Chamaesyce halemanui), No common name (Poa siphonoglossa), Haha (Cyanea recta)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), Laulihilahi (<i>Schiedea stellaroides</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Alsinidendron viscosum</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), No common name (<i>Schiedea helleri</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawiana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), Haha (<i>Cyanea recta</i>)	2	46	Monitor and maintain new populations	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, The Nature Conservancy of Hawaii, National Park Service	Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Volunteer	This is an ongoing task, as the status of the species changes constantly, but it does not occur as frequently as it should - at least once a year.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	3	51	Determine number of populations needed for long term survival	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki`o ke`oke`o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki`o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	3	52	Determine number of individuals needed for long term survival	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Division	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Schiedea spargulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke'oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), Alani (<i>Melicope quadrangularis</i>), No common name (<i>Munroidendron racemosum</i>), Heau (<i>Exocarpos luteolus</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Ma'oli'oli (<i>Schiedea apokremnos</i>), Haha (<i>Cyanea asarifolia</i>), Mapele (<i>Cyrtandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), Kaulu (<i>Pteralyxia kauaiensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Lobordia tinifolia</i> var. <i>wahiawaensis</i>), 'Aiea (<i>Nothocestrum peltatum</i>), Nehe (<i>Lipochaeta</i>)	3	53	Refine/review downlisting and delisting criteria	Ongoing Not Current	FY 2010		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Management: Planning, Other: Regulations, Research: Demographic Studies, Research: Genetics, Research: Habitat Requirements, Research: Habitat Status, Research: Management Techniques, Research: Population Surveys, Research: Reintroduction	Internal Technical Assistance, Species Expert	This task has been initiated with the development of the Kauai island-wide recovery plan, which will include revised recovery criteria for all previously listed plant species endemic to Kauai.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
micrantha), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea kauaiensis</i>), Nehe (<i>Lipochaeta fauriei</i>), No common name (<i>Schiedea helleri</i>), No common name (<i>Diellia pallida</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), Ha`iwale (<i>Cyrtandra limahuliensis</i>), No common name (<i>Phyllostegia wawiana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), Na`ena`e (<i>Dubautia latifolia</i>), Alani (<i>Melicope haupuensis</i>), No common name (<i>Remya kauaiensis</i>), Nehe (<i>Lipochaeta waimeaensis</i>), Mann's bluegrass (<i>Poa mannii</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea sperrulina</i> var. <i>sperrulina</i>), Haha (<i>Cyanea recta</i>)										

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (<i>Phyllostegia knudsenii</i>), No common name (<i>Schiedea membranacea</i>), Nani wai ale ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>), No common name (<i>Lysimachia filifolia</i>), No common name (<i>Schiedea spergulina</i> var. <i>leiopoda</i>), Laulihilihi (<i>Schiedea stellaroides</i>), No common name (<i>Stenogyne campanulata</i>), Na Pali beach hedyotis (<i>Hedyotis st.-johnii</i>), Koki'o ke`oke'o (<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>), Koki'o (<i>Kokia kauaiensis</i>), No common name (<i>Munroidendron racemosum</i>), No common name (<i>Alsinidendron viscosum</i>), Kolea (<i>Myrsine linearifolia</i>), Dwarf iliau (<i>Wilkesia hobdyi</i>), Mapele (<i>Cyrtoandra cyaneoides</i>), Haha (<i>Cyanea remyi</i>), Clay's hibiscus (<i>Hibiscus clayi</i>), Hawaiian bluegrass (<i>Poa sandvicensis</i>), No common name (<i>Xylosma crenatum</i>), Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>), No common name (<i>Remya montgomeryi</i>), No common name (<i>Phyllostegia waimeae</i>), Lo`ulu (<i>Pritchardia napaliensis</i>), No common name (<i>Schiedea</i>	3	6	Design and implement an education program	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Other: Information and Education	Contract, Graduate Student, Internal Technical Assistance, Species Expert	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
kauaiensis), No common name (<i>Schiedea helleri</i>), No common name (<i>Dielia pallida</i>), No common name (<i>Delissea rhytidosperma</i>), Kuawawaenohu (<i>Alsinidendron lychnoides</i>), No common name (<i>Phyllostegia wawrana</i>), Lo`ulu (<i>Pritchardia viscosa</i>), Hau kuahiwi (<i>Hibiscadelphus woodii</i>), Oha (<i>Delissea rivularis</i>), No common name (<i>Chamaesyce halemanui</i>), No common name (<i>Remya kauaiensis</i>), Mann's bluegrass (<i>Poa manni</i>), No common name (<i>Poa siphonoglossa</i>), No common name (<i>Schiedea spergulina</i> var. <i>spergulina</i>), Haha (<i>Cyanea recta</i>)										